



#15
Patt A
7/2/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Balasulojini KARUNANANDAA *et al.*

Appln. No.: 09/614,221

Filed: July 11, 2000

For: *Nucleic Acid Molecules and Other
Molecules Associated with Sterol
Synthesis and Metabolism*

Art Unit: 1638

Examiner: Russell KALLIS

Atty. Docket: 16516.075

Confirmation
No.: 1614

Amendment and Reply to Office Action Mailed October 3, 2002

RECEIVED

Commissioner for Patents
Washington, DC 20231

FEB 05 2003

TECH CENTER 1600/2900

Sir:

In response to the Office Action mailed October 3, 2002, (Paper No. 13), Applicants submit the following amendments and remarks.

IN THE CLAIMS:

Please cancel non-elected claims 6-20 and 22-24 without disclaimer or prejudice to the underlying subject matter.

Please amend claims 25 and 27 as follows:

25. (Amended) A transformed plant having a nucleic acid molecule which comprises:

- (A) an exogenous promoter region which functions in a plant cell to cause the production of a mRNA molecule; which is linked to
- (B) a structural nucleic acid molecule, wherein said structural nucleic acid molecule comprises a nucleic acid sequence encoding a protein comprising the amino acid sequence of SEQ ID NO: 622; which is linked to